

## MPEG) (Multichannel

#### EN EN ©2006 Victor Company of Japan, Limited

Region code of DVD VIDEO This player can play back DVD VIDEO discs whose region code numbers include "2."

GNT0068-005A[EK]

0206KTC-MW-SC



#### the playe

Note of Color system format This player accommodates the PAL system, and also can play back discs recorded with NTSC system. (NTSC video signals are converted to a

PAL signal and output.) Supplied accessories If anything is missing, consult your dealer immediately.

• Remote control (x 1) • R6(SUM-3)/AA(15F) battery (x 2)



#### nformation for Users on Disposal of Old Equipment [European Union Only]

This symbol indicates that product with this symbol should not be disposed as general household vaste.If you want to dispose of this equipment, please do not use the ordinary dust bin! There is a eparate collection System for these products.

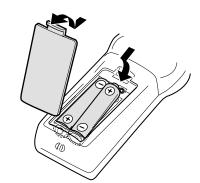
## Turning on the power

## Inserting the AC power plug

After all other connections have been made, insert the AC power plug to the wall outlet firmly.

## Installing the batteries in the remote control

Open the compartment cover, and place the two supplied R6(SUM-3)/AA(15F) batteries in the remote control according to the polarity markings ("+" and "-") inside the compartment. Then replace the cover.



The batteries will last about six months with normal use If the functions of the remote control become erratic, replace the batteries

### Precautions of the safe use of batteries

Observe the following precautions for the safe use of batteries. If they are used improperly their lives will be shortened, they may burst or their contents may leak. Remove the batteries from the remote control if it is

- not going to be used for a long period of time. Remove dead batteries and dispose of them
- properly
- Never leave dead batteries lying around, take them apart, mix them with other refuse, or throw them into an incinerator.
- Never touch liquid that has leaked out of a battery. • Do not mix new and old batteries, or batteries of different types, when placing them.

## Turning on and off the player

Press @/ISTANDBY/ON.

XV-N330B/N332S[EK]2.indd

## Warnings, Cautions and Others

## IMPORTANT for the U.K.

**DO NOT** cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or consult your

BE SURE to replace the fuse only with an identical approved type, as originally fitted. If nonetheless the mains plug is cut off ensure to remove the fuse and dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply. f this product is not supplied fitted with a mains plug ther ollow the instructions given below:

#### MPORTANT. DO NOT make any connection to the terminal which is marked with the letter E or by the safety earth symbol or coloured reen or green-and-yellow. he wires in the mains lead on this product are coloured in

cordance with the following code: Blue : Neutral Brown : Live

As these colours may not correspond with the coloured markings identifying the terminals in your plug proceed as ollows:

#### he wire which is coloured blue must be connected to the erminal which is marked with the letter N or coloured black he wire which is coloured brown must be connected to the minal which is marked with the letter L or coloured red.

IF IN DOUBT - CONSULT A COMPETENT ELECTRICIAN. CAUTION

To reduce the risk of electrical shocks, fire, etc.: 1. Do not remove screws, covers or cabinet. 2. Do not expose this appliance to rain or moisture.

3. The mains plug shall remain readily operable. Caution — @/ISTANDBY/ON button! Disconnect the mains plug to shut the power off

completely. The ປ/I STANDBY/ON button in any position does not disconnect the mains line. The power can be remote controlled.

### IMPORTANT FOR LASER PRODUCTS

- 1. CLASS 1 LASER PRODUCT 2. CAUTION: Do not open the top cover. There are no user serviceable parts inside the unit: leave all
- servicing to qualified service personnel. 3. CAUTION: Visible and/or invisible class 1M laser
- radiation when open. Do not stare into beam or view directly with optical instruments 4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

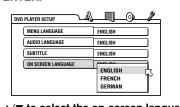
STARE INTO BEAM OR VIEW DIRECTLY	ATTENTION RAYONNEMENT LASER VISIBLE ETOU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS ROER LE FAISCEAU NI REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES.	IKKE IND I STRÅLEN-HELLER IKKE MED OPTISKE	SYNLIG OG/ELLER USYNLIG LASERSTRÄLING I KLASSE 1, M NÅR	VARO! AVATTAESSA OLET ALITTINA NÄKYVÄLLE UATTAI NAKYNÄÄTTÖMÄLLE LUOKAN IN LASERSÄTELIYILE. ÄLÄ KATSO SUORAAN SÄTEESEEN TAI TARKASTELE SITÄ OPTISEN LAITTEEN LÄPI.	VARNING SYNLIG OCH/ELLER OSYNLIG LASERSTRÄLINNG, KLASS 1M, NÄR DENNA DEL AR OPPNAD. STRRA EJ IN I STRÄLEN OCH BETRAKTA EJ STRÄLEN MED OPTISKA INSTRUMENT, LP41286-001/
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- 5. This unit applies to the standard "IEC 60825-1: 2001" for laser products

### Initial setup

- When you turn on the player for the first time after purchase, the following message appears on the TV
- EXECUTE DVD PLAYER SETUP? BASIC PICTURE/AUDIO SETTING
- YES PRESS ENTER NO PRESS CANCEL Before enjoying this player, make the initial settings as follows:

1 Press ENTER

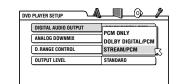


2 Press  $\blacktriangle/\nabla$  to select the on-screen language for the preference displays, etc., then press ENTER.

DVD PLAYER SETUP	
MONITOR TYPE	
PICTURE SOURCE	16:9 4:3 LB
SCREEN SAVER	4:3 PS
CONNECTIONS	SCART RGB
BACKGROUND	STANDARD

- 3 Press  $\blacktriangle/\nabla$  to select the monitor type, then press ENTER.
- For a normal (conventional) TV, select "4:3 LB" or "4:3 PS." (See "MONITOR TYPE" in "Initial

settings." • For a wide-screen TV, select "16:9."



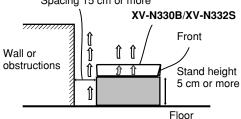
- 4 Press ▲/▼ to select a desired digital output signal type, then press ENTER.
- Set this item correctly according to the logo on your receiver or decoder. (If you do not connect the player to such a device,
- press ENTER to finish the setting.) • Receiver/decoder bearing Dolby Digital logo and
- no DTS, select "DOLBY DIGITAL/PCM." Receiver/decoder bearing both Dolby Digital and DTS logos, select "STREAM/PCM."
- Receiver/decoder bearing neither Dolby Digital nor DTS logo, or digital recorder, select "PCM ONLY."

To bring up the DVD PLAYER SETUP display later Press SET UP for a few seconds until the DVD PLAYER SETUP display appears.

### CAUTION:

- ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
- Do not place any open flame sources, such as lighted candles, on the apparatus
- the disposal of these batteries must be followed strictly.
- as vases, shall be placed on the apparatus.
- To avoid risk of electric shock and fire and to protect

No obstructions in 3 cm from the sides No obstructions in 5 cm from the top.



### Precautions

- Notes on the power cord • When you are away on travel or otherwise for an extended period of time, remove the plug from the wall outlet. A small amount of power (1.0 W) is always consumed while the power cord is connected to the wall outlet.
- When unplugging the player from the wall outlet, always pull the plug, not the power cord.
- Do not handle the power cord with wet hands.
- Disconnect the power cord before cleaning the
- player or moving the player. • Do not alter, twist or pull the power cord, or put
- anything heavy on it, which may cause fire, electric shock, or other accidents. • If the cord is damaged, consult a dealer and have the
- power cord replaced with a new one.
- Avoid moisture, water, dust, and high temperatures • Do not place the player in moist or dusty places. • If water gets inside the player, turn off the power and
- remove the plug from the wall outlet, then consult your dealer. Using the player in this state may cause a fire or electrical shock. • Do not expose the player to direct sunlight or place it
- near a heating device. Notes on installation
- Select a place which is level, dry and neither too hot nor too cold between 5°C and 35°C.
- Leave sufficient distance between the player and the TV. Do not install the player in a place subject to vibrations.

Turning on and off the player

With the label side up

TITLE TRK

— Main display

CHAP

GROUF

information is on the main display.

About On-screen quide icons

speed.

angle views.

subtitles.

audio sounds.

current speed.

Playback.

E Pause.

Each indicator lights up when corresponding

function/mode is activated, or corresponding

▶/ Slow-motion playback with the current

► Fast forward/backward playback with the

Ex: At the beginning of a scene containing multi-

: At the beginning of a scene containing multi-

....: At the beginning of a scene containing multi-

You can change the setting so that the on-screen

guide icons do not appear on the TV screen. (See

"ON SCREEN GUIDE" in "Initial settings.")

Do not put heavy objects on the player.

**Basic Operations** 

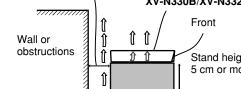
- Do not block the ventilation openings or holes. (If the
- When discarding batteries, environmental problems must be considered and local rules or laws governing
- Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such

Caution: Proper Ventilation

from damage, locate the apparatus as follows: Front: No obstructions and open spacing. Sides: Top:

Back: No obstructions in 15 cm from the back. Bottom: No obstructions, place on the level surface.

Spacing 15 cm or more



To prevent malfunction of the player

hairpins, coins, etc. into the player.

the use of chemically-coated cloths.

DVD VIDEO, Audio CD, Video CD, SVCD

consult your dealer

damage the player.

Playable discs

the "ISO 9660" format

Supported Digital audio formats:

To clean the cabinet

discolorina.

VIDEO format

Theater Systems)\*

Unplayable discs

PHOTO CD. SACD

Unfinalized discs

2

Insert a disc

recess

Press ▲ to open the disc tray.

• To insert an 8-cm disc, place it in the inner

Point toward the remote sensor

range is approx. 5 m.)

n playing a disc with low quality recording

If the disc is poorly recorded or the disc is of poor quality

there may be problems with playback or discs cannot be

TRACK ADJUST function allows you to play back such

Each time you press TRACK ADJUST, the mode of the

Select TRACK ADJUST MODE 1 or MODE 2 which gives

• If the disc cannot be played back, try to set the TRACK

o return to the normal playback mode, select

• Opening the disc tray will set the function to off.

This function is not available for some discs.

ADJUST mode before you close the tray.

function appears on the TV screen and changes as

TRACK ADJUST OFF → TRACK ADJUST

MODE 1 → TRACK ADJUST MODE 2

is or scratches

2 Place a disc in the disc tray.

3 Press  $\triangleq$  to close the disc tray.

plaved back at all.

ou better results.

TRACK ADJUST OFF.

follows

6

discs with better quality

format

NOTES

• There are no user-serviceable parts inside. If

anything goes wrong, unplug the power cord and

• Do not insert any metallic objects, such as wires,

• Do not block the vents. Blocking the vents may

• Use a soft cloth. Follow the relevant instructions on

Do not use benzene, thinner or other organic solvents

and disinfectants. These may cause deformation or

• DVD-R/-RW, +R/+RW written and finalized in the DVD

• CD-R/RW written in the SVCD, Video CD or Audio CD

• CD-R/RW written in MP3/JPEG in accordance with

Linear PCM, MPEG Multichannel, Dolby Digital, DTS (Digital

• If a disc gets dirty, scratched or warped, or due to the

disc characteristics or recording conditions, the

player may not be able to play back such discs.

MIX-MODE CD, CD-G, CD-EXTRA and CD TEXT.

• With some discs, operations may not be possible.

\* To play back DTS-encoded DVD VIDEO or DTS-

encoded Audio CD discs correctly, connect the

player to an amplifier with a built-in DTS decoder

If you try to play back discs listed below, noise may be

Otherwise, playback sound will be distorted.

• DVD-ROM, DVD-RAM, DVD AUDIO, CD-ROM,

· Discs of irregular shape or discs with tape, seals or

Playing back these discs may damage the player.

The Non-DVD side of a "DualDisc" does not comply with

Therefore, the use of Non-DVD side of a DualDisc on

paste on either the label side or playback side.

generated and causes damage to speakers.

• DVD-R/-RW written in the VR format

the "Compact Disc Digital Audio" standard.

this product may not be recommended.

• The player can play back audio signals recorded in

disc Video CD disc disc

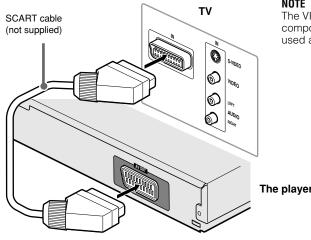
To analog audio input

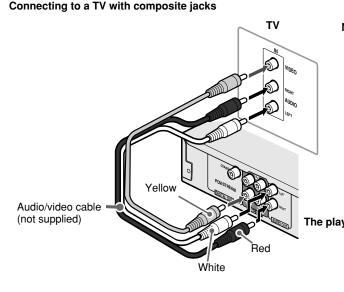
## Connections

Before making connections:

 Do not connect the AC power cord until all other connections have been made · Connect VIDEO OUT of the player directly to the video input of your TV. Connecting VIDEO OUT of the player to a TV via a VCR/an integrated TV/Video system may cause a monitor problem.

Connecting to a TV with SCART connector





The VIDEO jack, AV OUT terminal, and component (Y, PB, PR) jacks cannot be used at the same time.



• If your TV has a monaural audio input

instead of stereo, use an optional audio cable which converts stereo audio output to monaural. • The VIDEO jack, AV OUT terminal, and component (Y, PB, PR) jacks cannot be used at the same time.

GHT 🖛 a 🚺 🗐 To analog audio inpu

Connecting to a TV with component jacks

video input To switch the scanning mode between Progressive and Interlace, press and hold VFP-I/P on the remote control for a few seconds. NOTES

To component

• Connect to a TV with composite jacks and set [CONNECTIONS] to [VIDEO COMPONENT] before connecting with component jacks. (See

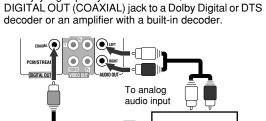
"CONNECTIONS" in "Initial settings.") • Connect "Y" to "Y,""PB" to "PB(CB),""PR" to "PR(CR)" correctly

• The VIDEO jack, AV OUT terminal, and component (Y. PB. PR) jacks cannot be used at the same time.

About the scanning mode indicator				
[PICTURE SOURCE] of	Source type of DVD VIDEO			
the PICTURE menu	Film source	Video source		
AUTO	[DDP]	[P]		
FILM	[DDP]	[DDP]		
VIDEO(NORMAL)/ (ACTIVE)	[P]	[P]		

Some progressive TV and High-Definition TV sets are not fully compatible with the player. To check the compatibility of your TV, contact your local JVC customer service center

NOTE



Connecting to a stereo audio amplifier (receiver

To enjoy high-quality surround sound, connect the

Connecting to a digital audio device

To digital audio input

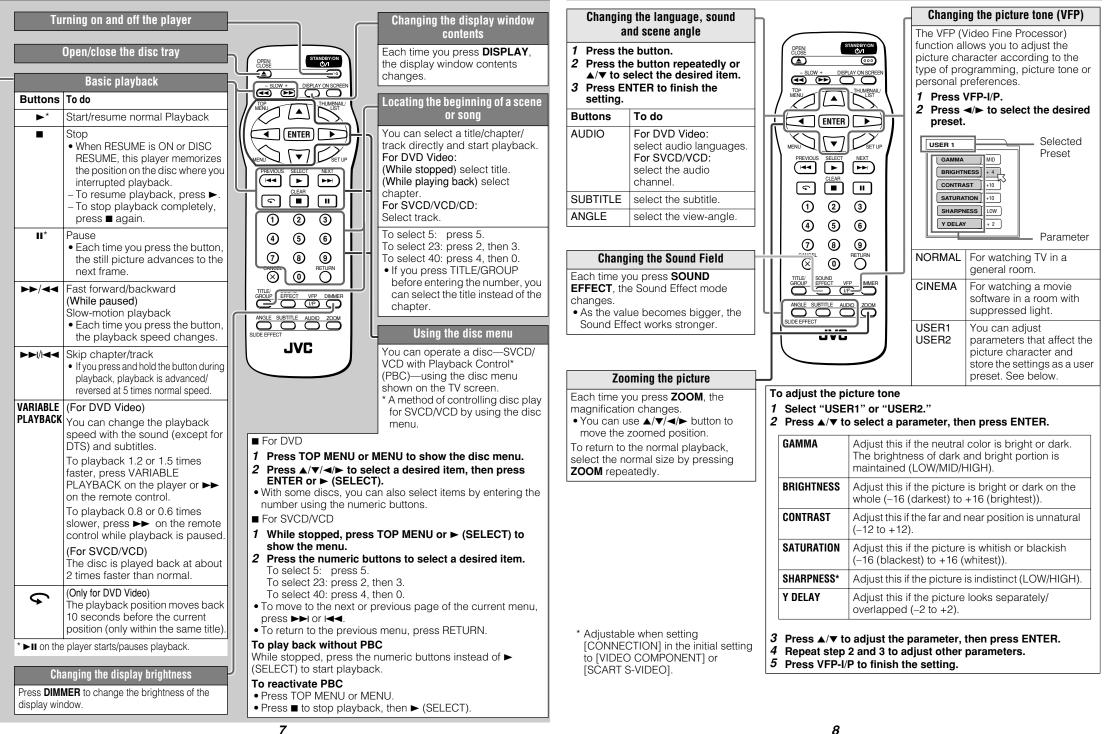
4

• Depending on the disc, no signal may be outputted from the DIGITAL OUT. Make an analog connection in this case

• Set [DIGITAL AUDIO OUTPUT] in the [AUDIO] preference display correctly according to the connected digital audio equipment. (See "DIGITAL AUDIO OUTPUT" in "Initial settings.")

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## Advanced Operations



## Menu bar functions

#### You can use various functions from the menu bar.

To bring up the menu bar When a disc is inserted, press ON SCREEN twice. A menu bar for the type of disc inserted will appear

under the status bar Ex.: Menu bar for DVD VIDEO

DVD-VIDEO 8.5Mbps TITLE 33 CHAP 33 TOTAL 1:25:58

To dismiss the menu bar and the status bar, press ON SCREEN.

### **Basic operation procedure**

- 1 Press  $\triangleleft >$  to select the icon you want to work with. 2 Press ENTER.
- After pressing ENTER (1) When a pull-down menu appears, press ▲/▼ to select the setting you want, then press ENTER. (2) When a number-entry box appears, use the numeric buttons to enter the number you want,
- then press ENTER. (3) When changing **TIME** setting, press ENTER
- repeatedly to select the setting you want. NOTES
- The selected item on the menu bar is shown in green. • The available functions differ depending on the player status. Refer to the explanation below to check when you can use a certain function.

### Menu bar functions

- TIME selects the time mode shown in the display
- window and the status bar. • TOTAL: Elapsed time of current title (DVD) or a disc (CD/VCD/SVCD)
- T.REM: Remaining time of current title (DVD) or a disc (CD/VCD/SVCD)
- (Except for DVD: while stopped, disc total time) • TIME: Elapsed time of current chapter (DVD) or track (CD/VCD/SVCD)
- REM: Remaining time of current chapter (DVD) or track (CD/VCD/SVCD) (while stopped, current track total time)
- selects repeat mode. DVD: During playback

#### CD In any condition VCD/SVCD: In any condition except PBC playback CHAPTER: Current chapter repeat (DVD) TITLE<sup>1</sup> Current title repeat (DVD)

Current track repeat (CD/VCD/SVCD) TRACK: All track repeat (CD/VCD/SVCD) • ALL: • A-B: A-B repeat (During playback). After selecting A-B, press ENTER at the beginning point of repeat, then press

ENTER again at the end point.

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Audio

MP3/JPEG

orde

- Repeat mode deactivated. Select this to quit repeat mode.
- → specifies beginning point of a title (DVD) or a disc (CD/VCD/SVCD) by the time.
  - In any condition In any condition except program or
- random playback VCD/SVCD: In any condition except PBC or program or random playback
- **CHAP. →** specifies a chapter to play back from

## (DVD only)

• OFF:

DVD:

CD:

selects the audio language (DVD), sound track (DVD), or audio channel (VCD/SVCD) during plavback.

selects the subtitle language (DVD) or subtitle (SVCD) during playback.

selects a desired scene angle in a multiangle part (DVD onlv)

## PROG. specifies the playback order of tracks while stopped (unavailable for DVD). You can program up to

1. After selecting PROG. icon, press the numeric

- buttons to specify tracks in the desired order.
- To correct the program, press ▲/▼ to move K to the track to be corrected, then press CANCEL. The track is erased and the subsequent programmed
- tracks move up. Pressing  $\blacksquare$  clears all the programmed tracks. 2. Press ►(SELECT) to start program playback.
- During program playback, you cannot edit the program contents.
- To exit the program mode, press ON SCREEN after clearing the program

DVD VIDEO disc playback sound level is lower

➡ Set the [D.RANGE CONTROL] preference to [TV

➡ Set the [OUTPUT LEVEL] preference to [LOW].

→ MP3/JPEG disc is recorded with the "packet writing

Files (tracks) are not played in the recorded

→ This player plays the files in the alphabetic order.

No sound and/or no picture comes out.

Check the files you want to play back.

than TV broadcast sound level.

Analog audio output is distorted.

(UDF file)." It cannot be played.

So, the playback order can vary.

- RND. activates random playback while stopped
- (unavailable for DVD). After selecting RND. icon, press ENTER.
- The player starts random playback.

### Audio/Video files playback

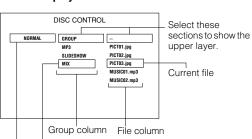
You can play back MP3/JPEG files on a CD/CD-R/RW

#### Precautions Use "ISO 9660" as the disc format.

- The player does not support "packet writing (UDF files)" discs.
- The player supports discs recorded with up to five multiple sessions
- The player may be unable to play back a disc due to
- the characteristics or recording conditions. The player recognizes up to the fifth layer of groups,
- 999 files per group (including unplayable files), and up to 250 groups per disc. • Add the appropriate extension (".mp3" and ".jpg") to
- the file name
- MP3i and MP3 Pro are not available.
- The player cannot play back a picture of more than 5120 x 3413 pixels (baseline JPEG) or 2048 x 1536 pixels (progressive JPEG).

#### Selecting a specific file or group You can select files or folders (groups) using the

#### Control display on the TV screen. Control display



Current group Current playback mode

Press  $\blacktriangle/\checkmark/\checkmark$  to move the cursor bar to a desired file, then press  $\blacktriangleright$  (SELECT).

• When you press ENTER, only the selected file is played back (except for MP3 files).

- Various playback mode
- To play back a disc continuously, select NORMAL **Repeat playback**

1. While stopped, press  $A / \nabla / A / >$  to move the cursor

- bar to playback mode. 2. Press ENTER repeatedly to select the desired repeat mode
- REPEAT 1: Repeats the current file. • REPEAT GROUP: Repeats all files in the current
- REPEAT ALL: Repeats all files on the disc. 3. Press ► to move the cursor bar to the file column, then press  $\blacktriangleright$ (SELECT).

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Random playback

Program playback

5. Press ►(SELECT).

To zoom in a picture

FNTFR.

Press ZOOM

file (x1.5/x2).

press ENTER.

Control display.

pressing I

To select slide show effect

appears on the TV screen

NOTE

bar to playback mode.

bar to playback mode

then press ►(SELECT).

1. While stopped, press  $\blacktriangle / \checkmark / \checkmark / \checkmark$  to move the cursor

3. Press  $\blacktriangleright$  to move the cursor bar to the file column,

1. While stopped, press  $\blacktriangle / \checkmark / \checkmark / \checkmark$  to move the cursor

3. Press  $\blacktriangle/\checkmark/\checkmark/\checkmark$  to select the desired file, then press

4. Repeat step 3 until all the desired files are selected.

To erase the last programmed file, press < to</li>

move the cursor bar to the programmed files

Each time you press ZOOM, you can magnify a JPEG

This function is not available for some JPEG files

depending on their resolution size and JPEG format.

To select a JPEG file from the thumbnail list

2. Press  $\blacktriangle/ \bigtriangledown/ \checkmark/ \backsim$  to select the desired picture, then

1. Press and hold THUMBNAIL/LIST while a JPEG file

• You can change the page of thumbnail list by

Press ►(SELECT) while a JPEG file is selected on the

Press and hold ANGLE-SLIDE EFFECT until

selection (RAND), and no effect (NONE).

[SLIDE EFFECT MODE:] and the current mode

By pressing and holding the button repeatedly, you can select the effect from 11 effects, random effect

The effect is not applied to progressive JPEG files.

2. Press ENTER repeatedly to select PROGRAM.

column, then press CANCEL

Various JPEG files playback

To rotate/reflect a still picture

While a still picture is played back

Pressing ◄/► rotates the picture by 90°.

Pressing 
 A reflects the picture vertically.

is selected on the Control display.

Slide show playback of JPEG files

2. Press ENTER repeatedly to select RANDOM.

## Language codes list for the LANGUAGE menu

AA	Afar	EL	Greek	IS	Icelandic	MN	Mongolian	RO	Rumanian	TH	Thai
AB	Abkhazian	ΕO	Esperanto	IW	Hebrew	MO	Moldavian	RU	Russian	ΤI	Tigrinya
AF	Afrikaans	ET	Estonian	JI	Yiddish	MR	Marathi	RW	Kinyarwanda	ΤK	Turkmen
AM	Ameharic	EU	Basque	JW	Javanese	MS	Malay	SA	Sanskrit	TL	Tagalog
AR	Arabic	FA	Persian	KA	Georgian		(MAÝ)	SD	Sindhi	ΤN	Setswana
AS	Assamese	FI	Finnish	KK	Kazakh	MT	Maltese	SG	Sangho	TO	Tongan
AY	Aymara	FJ	Fiji	KL	Greenlandic	MY	Burmese	SH	Serbo-	TR	Turkish
AZ	Azerbaijani	FO	Faroese	KM	Cambodian	NA	Nauru		Croatian	TS	Tsonga
BA	Bashkir	FY	Frisian	KN	Kannada	NE	Nepali		Singhalese	TT	Tatar
BE	Byelorussian	GA	Irish	KO	Korean	NL	Dutch		Slovak	ΤW	Twi
BG	Bulgarian	GD	Scots		(KOR)	NO	Norwegian		Slovenian	UK	Ukrainian
BH	Bihari		Gaelic		Kashmiri	OC	Occitan		Samoan	UR	Urdu
BI	Bislama	GL	Galician		Kurdish	OM	· /		Shona	UZ	Uzbek
BN	Bengali,Ban-	GN	Guarani	ΚY	Kirghiz		Oromo		Somali	VI	Vietnamese
	gla	GU	Gujarati	LA	Latin	OR	Oriya	SQ	Albanian	VO	Volapuk
BO	Tibetan	HA	Hausa	LN	Lingala	PA	Panjabi	SR	Serbian	WO	Wolof
BR	Breton	HI	Hindi	LO	Laothian	PL	Polish	SS	Siswati	XH	Xhosa
CA	Catalan	HR	Croatian	LT	Lithuanian	PS	Pashto,	ST	Sesotho	YO	Yoruba
CO	Corsican	HU	Hungarian	LV	Latvian,	PT	Pushto		Sundanese	ZU	Zulu
CS	Czech	ΗY	Armenian		Lettish		Portuguese	SV	Swedish		
CY	Welsh	IA	Interlingua		Malagasy	QU	Quechua	SW	Swahili		
DA	Danish	IE	Interlingue	MI	Maori	RM	Rhaeto- Romance	ΤA	Tamil		
DZ	Bhutani	IK	Inupiak		Macedonian	RN	Kirundi	TE	Telugu		
		IN	Indonesian	ML	Malayalam	1111	i ti unui	TG	Tajik		

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# Troubleshooting

Power does not come on. ➡ Power plug is not inserted securely. Plug in securely.

## Operation

- "REGION CODE ERROR!" is shown on the TV. ➡ Region code of the inserted disc does not match the player. Check the region code of the disc printed on the disc jacket.
- Operation is not possible.
- → Microcomputer malfunction due to lightning or static electricity. Turn off the power and unplug the power cord, then connect the power cord again. ➡ Moisture condensation caused by a sudden change
- of temperature or humidity. Turn off the power, then turn it on a few hours later  $\Rightarrow$  The disc does not allow the operation, or an
- unplayable disc is inserted. Check and replace the

#### [LOCK] is displayed on the display window and the disc tray does not open.

 $\rightarrow$  When you press  $\triangle$  while pressing down  $\blacksquare$  on the player in standby mode, the tray lock function is activated. The disc tray cannot be opened or closed in this status. To release this status, press A while pressing down  $\blacksquare$  on the player in standby mode.

## Picture

- Picture is noisy. → The player is connected to a VCR directly and the copyguard function is activated. Connect the player so that the picture signal flows directly to the TV. With some discs, the picture may be blurred when [PICTURE SOURCE] is set to [FILM] or [AUTO]. Set [PICTURE SOURCE] to [VIDEO (NORMAL)] or [VIDEO (ACTIVE)].
- The disc may be poorly recorded or scratched. Try to use the **TRACK ADJUST** function to play back with better quality
- No picture is displayed on the TV screen or the screen is blurred or divided into two parts.
- → The player is in the progressive scanning mode though it is connected to a TV via the VIDEO or SCART connector. Observe the display window. If [P] is turned on, the player is in the progressive
- scanning mode. Make the Progressive scanning mode inactive by

using the VFP - I/P button.

# 99 tracks.

## Initial settings

NOTES

playback

- How to set the Initial settings
- 1 Press SET UP. 2 Press </▶ to select the menu.
- **3** Press  $\blacktriangle/\blacksquare$  to move to select the item.
- 4 Press ENTER. 5 Press  $\blacktriangle/\blacksquare$  to select the options, then press ENTER.
- To dismiss a preference display Press SET UP

## adjust the picture size control of the TV. • For settings of the LANGUAGE menu, see also

"Language codes" below. • Depending on the disc, the settings may not apply correctly.

• Some items in the menus cannot be changed during

• During MP3 files playback, you cannot show the menus.

• If the upper and lower parts of the menu are cut off,

## LANGUAGE menu

Item	Contents
MENU LANGUAGE	You can select the default menu language of DVD VIDEO.
AUDIO LANGUAGE	You can select the default audio language of DVD VIDEO.
SUBTITLE	You can select the default subtitle language of DVD VIDEO.
ON SCREEN LANGUAGE	You can select "ENGLISH," "FRENCH," or "GERMAN" as the on-screen language.

## PICTURE menu

Item	Contents
MONITOR TYPE	You can select the monitor type to match your TV when you play back DVD VIDEO
<u>16:9</u> <u>4:3 LB</u>	discs recorded for wide-screen televisions.
	[16:9] (Wide television screen): For a wide-screen (16:9) TV. [4:3 LB] (Letter Box conversion): For a normal (4:3) TV. Displays a wide-screen
A	picture to fit the width of the TV screen keeping the aspect ratio.
	[4:3 PS] (Pan Scan conversion): For a normal (4:3) TV. The picture is zoomed up to
4:3 PS	filling the screen vertically and the left and right sides of the picture are cut off.
PICTURE SOURCE	You can obtain optimal picture quality by selecting the source type of the disc contents.
	[AUTO]: Normally, select this option. The player recognizes the picture type (film or
	video source) of the current disc according to the disc information.
	[FILM]: For a film source disc.
	[VIDEO (NORMAL)]: For a video source disc with relatively a few movements. [VIDEO (ACTIVE)]: For a video source disc with relatively a lot of movements.
SCREEN SAVER	You can set the screen saver function to ON or OFF.
CONNECTIONS	You need to select the video signal type when you connect the player to a TV with a SCART connector.
	<b>[VIDEO COMPONENT]:</b> A TV accommodates component signals.
	<b>[SCART S-VIDEO]:</b> A TV accommodates S-video (Y/C) signals.
	[SCART RGB]: A TV accommodates RGB signals.
	Note:
	If a TV accommodates composite signals, select [VIDEO COMPONENT] or [SCART
	RGB].
BACKGROUND	You can use your favorite image as the opening display.
	[STANDARD]: Display the JVC original image.
	<b>[USER]:</b> Display your favorite image as the opening display when a JPEG image is
	registered. [SAVE AS BACKGROUND]: To register a new image, select this while a JPEG
	image is displayed on the TV.
	inage to displayed on the FV.

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**Specifications** Specifications and appearance are subject to change without prior notice.

#### General Readable discs:

DVD VIDEO, DVD-R/-RW (Video format), +R/+RW (Video format), SVCD, Video CD, Audio CD (CD-DA), CD-R/RW (CD-DA, SVCD, Video CD, MP3 format. JPEG)

Video format: PAL, 625i/625p selectable

### Other

*Power requirements:* AC 220 V - 240 V  $\sim$  , 50 Hz/60 Hz Power consumption: 11.0 W (POWER ON), 1.0 W (STANDBY mode)

*Mass:* 1.5 kg Dimensions (W x H x D): 435 mm x 44 mm x 201.5 mm Laser Specifications:

Wave length CD: 790 - 805 mm DVD: 650 - 660 mm Output power

CD: 5 mW *DVD:* 10 mW

## Video outputs

*VIDEO OUT* (*pin jack*): 1.0 Vp-p (75 Ω) 700 mVp-p (75 Ω) RGB Output: Component (pin jacks) *Y* Output: 1.0 Vp-p (75 Ω)

*PB/Pr Output:* 0.7 Vp-p (75 Ω) Horizontal resolution: 500 lines or more

## Audio outputs

ANALOG OUT (pin jack): 2.0 Vrms (10 kΩ) DIGITAL OUT (COAXIAL): 0.5 Vp-p (75 Ω termination)

## Audio characteristics

Frequency response CD (sampling frequency 44.1 kHz): 2 Hz to 20 kHz DVD (sampling frequency 48 kHz):

2 Hz to 22 kHz(4 Hz to 20 kHz for DTS and Dolby Digital bitstream signals) DVD (sampling frequency 96 kHz): 2 Hz to 44 kHz Wow and flutter: Unmeasurable (less than ± 0.002%) • Manufactured under license from Dolby

Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

• "DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc. • This product incorporates copyright protection

technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other

limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited • "CONSUMERS SHOULD NOTE THAT NOT ALL HIGH

DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 525 OR 625 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET

COMPATIBILITY WITH THIS MODEL 525p AND 625p DVD PLAYER, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER."

## AUDIO menu

Item	Contents
DIGITAL AUDIO OUTPUT	<ul> <li>Set this item correctly according to the logo on your receiver or decoder.</li> <li>[PCM ONLY]: Receiver/decoder bearing neither Dolby Digital nor DTS logo, or digital recorder.</li> <li>[DOLBY DIGITAL/PCM]: Receiver/decoder bearing Dolby Digital logo and no DTS.</li> <li>[STREAM/PCM]: Receiver/decoder bearing both Dolby Digital and DTS logos.</li> </ul>
ANALOG DOWNMIX	Set this item properly according to your analog audio connection to play the sound of the surround multichannel audio on a DVD VIDEO. [DOLBY SURROUND]: Select this when connecting to a surround decoder. [STEREO]: Select this when connecting to a stereo amplifier or TV, or in case you want to record from a DVD VIDEO to a MiniDisc, cassette, etc.
D.RANGE CONTROL	Set this item to listen to DVD VIDEO recorded in Dolby Digital format at low or middle volume. [WIDE RANGE]: You can enjoy powerful playback sound. [NORMAL]: Normally, select this. [TV MODE]: Select this if the sound level of DVD VIDEO is lower than the one of TV program to make the sound at a lower volume clear.
OUTPUT LEVEL	Set this item to attenuate the level of the signal output from the analog AUDIO OUT terminals. If the sound from the speaker is distorted, select [LOW].

## **OTHERS** menu

Item	Contents
RESUME	<ul> <li>You can select the resume playback mode.</li> <li>[ON]: The player resumes playback from the position where playback has been stopped if the disc is still in the disc tray.</li> <li>[OFF]: This function is deactivated.</li> <li>[DISC RESUME]: The player resumes playback of the last 30 discs played. The player retains a memory of the stopped position of each disc even if the disc is removed from the disc tray. The TRACK ADJUST MODE selected for the disc will be resumed as well.</li> </ul>
ON SCREEN GUIDE	Activate or deactivate the on-screen guide.
AUTO STANDBY	Set the time until the player turns off (into standby) automatically if playback is stopped for more than 30 minutes or 60 minutes.

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# SAFETY INSTRUCTIONS

## "SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT"

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

Do read the operating instructions before you attempt to use the equipment.

Do ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug when making or changing connections.

Do consult your dealer if you are ever in doubt about the installation, operation or safety of vour equipment.

Do be careful with glass panels or doors on equipment.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way-switch off, withdraw the mains plug and consult your dealer.

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode.

Switch off using the switch on the equipment and make sure that your family know how to do

Special arrangements may need to be made for infirm or handicapped people.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.

DON'T listen to headphones at high volume as such use can permanently damage your hearing.

DON'T obstruct the ventilation of the equipment, for example with curtains or soft furnishings.

Overheating will cause damage and shorten the life of the equipment.

DON'T use makeshift stands and NEVER fix legs with wood screws - to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T allow electrical equipment to be exposed to rain or moisture.

### ABOVE ALL

-NEVER let anyone, especially children, push anything into holes, slots or any other opening in the case -this could result in a fatal electrical shock .:

-NEVER guess or take chances with electrical equipment of any kind -it is better to be safe than sorrv!

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